

Education Level	Wage Range (OES 2013)	2012 Employment	Projected Annual Openings, 2012-2022	Projected Total Openings, 2012-2022
<HS Diploma	<\$15.00	71,054	2,804	28,040
<HS Diploma	\$15.00 - \$21.17	5,864	159	1,590
<HS Diploma	>\$21.17	0	0	0
High School Diploma	<\$15.00	23,719	812	8,120
High School Diploma	\$15.00 - \$21.17	76,114	2,097	20,970
High School Diploma	>\$21.17	31,791	876	8,760
Post-Secondary training or Associate's Degree	<\$15.00	5,934	214	2,140
Post-Secondary training or Associate's Degree	\$15.00 - \$21.17	11,677	349	3,490
Post-Secondary training or Associate's Degree	>\$21.17	8,074	210	2,100
Bachelor's Degree	<\$15.00	3,279	57	570
Bachelor's Degree	\$15.00 - \$21.17	4,138	129	1,290
Bachelor's Degree	>\$21.17	48,638	1,489	14,890
Masters+ Degree	<\$15.00	0	0	0
Masters+ Degree	\$15.00 - \$21.17	240	10	100
Masters+ Degree	>\$21.17	14,458	466	4,660
		304,980	9,672	96,720

**<High School Diploma, < \$15.00 / hour**

Job Title	Projected Openings			Average Hourly Wage (OES 2013)
	2012 Employment	Annual	2012 - 2022	
Home Health Aides	570	31	310	\$ 12.62
Cooks, Fast Food	387	8	80	\$ 10.63
Cooks, Institution and Cafeteria	1,182	35	350	\$ 13.09
Cooks, Restaurant	2,440	77	770	\$ 13.08
Cooks, Short Order	492	10	100	\$ 11.93
Food Preparation Workers	1,720	51	510	\$ 11.05
Bartenders	1,808	83	830	\$ 14.04
Combined Food Preparation and Serving Workers, Including Fast Food	5,451	271	2,710	\$ 10.25
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	1,178	72	720	\$ 11.42
Waiters and Waitresses	4,611	243	2,430	\$ 12.95
Food Servers, Nonrestaurant	385	17	170	\$ 12.82
Dining Room and Cafeteria Attendants and Bartender Helpers	591	29	290	\$ 10.19
Dishwashers	1,654	79	790	\$ 9.97
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	539	42	420	\$ 10.52
Food Preparation and Serving Related Workers, All Other	148	10	100	\$ 10.60
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	4,845	138	1,380	\$ 12.88
Maids and Housekeeping Cleaners	4,994	159	1,590	\$ 11.25
Landscaping and Groundskeeping Workers	4,489	170	1,700	\$ 14.06
Nonfarm Animal Caretakers	567	15	150	\$ 12.01
Amusement and Recreation Attendants	411	25	250	\$ 10.55
Cashiers	9,378	415	4,150	\$ 10.34
Parts Salespersons	547	16	160	\$ 14.73
Retail Salespersons	9,713	395	3,950	\$ 13.00
Telemarketers	131	4	40	\$ 14.49
Stock Clerks and Order Fillers	3,064	93	930	\$ 12.38
Graders and Sorters, Agricultural Products	321	6	60	\$ 10.94
Construction Laborers	2,202	76	760	\$ 14.88
Helpers--Carpenters	230	8	80	\$ 14.63
Bakers	815	26	260	\$ 12.96
Meat, Poultry, and Fish Cutters and Trimmers	131	3	30	\$ 13.90
Food Processing Workers, All Other	173	6	60	\$ 12.49
Laundry and Dry-Cleaning Workers	501	19	190	\$ 10.80
Sewing Machine Operators	288	1	10	\$ 13.01
Grinding and Polishing Workers, Hand	142	4	40	\$ 14.11
Helpers--Production Workers	418	12	120	\$ 12.32
Taxi Drivers and Chauffeurs	885	14	140	\$ 11.81
Parking Lot Attendants	117	7	70	\$ 10.42
Cleaners of Vehicles and Equipment	572	19	190	\$ 11.44
Laborers and Freight, Stock, and Material Movers, Hand	2,033	83	830	\$ 13.13
Machine Feeders and Offbearers	115	2	20	\$ 13.12
Packers and Packagers, Hand	816	30	300	\$ 11.36
	71,054	2,804	28,040	

<High School Diploma, \$15.00-\$21.17 / hour

Job Title	Projected Openings			Average Hourly Wage (OES 2013)
	2012 Employment	Annual	2012 - 2022	
Counter and Rental Clerks	687	21	210	\$ 15.61
Carpet Installers	172	4	40	\$ 18.19
Cement Masons and Concrete Finishers	188	5	50	\$ 17.57
Insulation Workers, Floor, Ceiling, and Wall	83	2	20	\$ 16.80
Painters, Construction and Maintenance	1,680	53	530	\$ 16.61
Pipelayers	264	7	70	\$ 18.31
Roofers	439	11	110	\$ 15.52
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	72	3	30	\$ 16.51
Septic Tank Servicers and Sewer Pipe Cleaners	61	1	10	\$ 18.92
Butchers and Meat Cutters	224	6	60	\$ 15.60
Food and Tobacco Roasting, Baking, and Drying Machine Operators and Tenders	103	5	50	\$ 16.53
Cutters and Trimmers, Hand	87	2	20	\$ 17.39
Industrial Truck and Tractor Operators	661	15	150	\$ 15.64
Refuse and Recyclable Material Collectors	818	19	190	\$ 15.13
Drywall and Ceiling Tile Installers	325	5	50	\$ 20.38
	5,864	159	1,590	

<High School Diploma, >\$21.17

NA

High School Diploma, < \$15.00 / hour

Job Title	Projected Openings			Average Hourly Wage (OES 2013)
	2012 Employment	Annual	2012 - 2022	
Merchandise Displayers and Window Trimmers	187	6	60	\$ 14.71
Pharmacy Aides	204	5	50	\$ 11.09
Veterinary Assistants and Laboratory Animal Caretakers	78	2	20	\$ 11.20
Security Guards	1406	37	370	\$ 14.75
Crossing Guards	306	9	90	\$ 14.78
Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	241	18	180	\$ 10.41
Baggage Porters and Bellhops	126	4	40	\$ 10.48
Tour Guides and Escorts	365	20	200	\$ 10.04
Childcare Workers	3750	161	1610	\$ 11.56
Residential Advisors	247	14	140	\$ 13.94
Demonstrators and Product Promoters	136	4	40	\$ 13.49
Switchboard Operators, Including Answering Service	449	8	80	\$ 12.90
Tellers	1330	62	620	\$ 13.10
File Clerks	206	5	50	\$ 14.76
Hotel, Motel, and Resort Desk Clerks	1199	73	730	\$ 11.85
Library Assistants, Clerical	370	21	210	\$ 12.09
New Accounts Clerks	65	2	20	\$ 14.24
Receptionists and Information Clerks	2137	70	700	\$ 13.96
Reservation and Transportation Ticket Agents and Travel Clerks	197	3	30	\$ 14.33
Shipping, Receiving, and Traffic Clerks	1575	43	430	\$ 14.91
Office Clerks, General	2042	46	460	\$ 14.18
Office Machine Operators, Except Computer	101	2	20	\$ 12.50
Logging Equipment Operators	148	4	40	\$ 14.75
Floor Layers, Except Carpet, Wood, and Hard Tiles	99	3	30	\$ 13.92
Helpers--Electricians	247	10	100	\$ 14.50
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	105	4	40	\$ 14.82
Bicycle Repairers	122	7	70	\$ 12.75
Tire Repairers and Changers	101	4	40	\$ 13.69
Helpers--Installation, Maintenance, and Repair Workers	203	7	70	\$ 11.69
Team Assemblers	1672	41	410	\$ 14.37
Food Cooking Machine Operators and Tenders	57	3	30	\$ 11.68
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	181	2	20	\$ 14.16
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	231	5	50	\$ 14.44
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	406	5	50	\$ 14.18
Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	64	1	10	\$ 14.48
Metal Workers and Plastic Workers, All Other	105	1	10	\$ 13.94
Furniture Finishers	352	11	110	\$ 13.51
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	668	16	160	\$ 14.24

Mixing and Blending Machine Setters, Operators, and Tenders	159	6	60	\$ 14.96
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	202	8	80	\$ 14.01
Packaging and Filling Machine Operators and Tenders	1663	57	570	\$ 14.18
Paper Goods Machine Setters, Operators, and Tenders	217	2	20	\$ 14.11
<i>Totals</i>	<i>23719</i>	<i>812</i>	<i>8120</i>	

*High School Diploma, \$15.00 - \$21.17 / hour*

Job Title	2012 Employment	Projected Openings		Average Hourly Wage (OES 2013)
		Annual	2012 - 2022	
Surveying and Mapping Technicians	125	3	30	\$ 19.82
Social and Human Service Assistants	2,415	111	1,110	\$ 15.18
Community Health Workers	488	22	220	\$ 18.25
Photographers	533	8	80	\$ 16.96
Pharmacy Technicians	668	17	170	\$ 15.66
Opticians, Dispensing	139	6	60	\$ 20.07
Medical Equipment Preparers	122	4	40	\$ 15.92
Healthcare Support Workers, All Other	183	7	70	\$ 15.67
Police and Sheriff's Patrol Officers	1,503	67	670	\$ 20.65
Transportation Security Screeners	121	6	60	\$ 16.70
Protective Service Workers, All Other	65	5	50	\$ 17.45
First-Line Supervisors of Food Preparation and Serving Workers	1,721	65	650	\$ 18.13
First-Line Supervisors of Housekeeping and Janitorial Workers	1,031	37	370	\$ 18.73
First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1,055	26	260	\$ 20.96
Pest Control Workers	52	2	20	\$ 16.72
First-Line Supervisors of Personal Service Workers	1,349	33	330	\$ 18.97
Funeral Attendants	51	1	10	\$ 16.98
Fitness Trainers and Aerobics Instructors	902	20	200	\$ 18.10
First-Line Supervisors of Retail Sales Workers	4,651	101	1,010	\$ 21.17
Travel Agents	236	4	40	\$ 17.97
Sales and Related Workers, All Other	130	4	40	\$ 15.03
Bill and Account Collectors	448	18	180	\$ 17.93
Billing and Posting Clerks	947	28	280	\$ 17.21
Bookkeeping, Accounting, and Auditing Clerks	6,145	106	1,060	\$ 17.57
Payroll and Timekeeping Clerks	460	14	140	\$ 18.36
Procurement Clerks	172	6	60	\$ 19.88
Brokerage Clerks	98	2	20	\$ 20.44
Court, Municipal, and License Clerks	914	30	300	\$ 16.13
Customer Service Representatives	3,053	103	1,030	\$ 15.76
Eligibility Interviewers, Government Programs	106	5	50	\$ 20.33
Interviewers, Except Eligibility and Loan	304	7	70	\$ 15.50
Loan Interviewers and Clerks	219	3	30	\$ 16.65
Order Clerks	1,144	30	300	\$ 15.46
Human Resources Assistants, Except Payroll and Timekeeping	193	5	50	\$ 17.86
Information and Record Clerks, All Other	295	6	60	\$ 17.45
Cargo and Freight Agents	56	2	20	\$ 20.66
Police, Fire, and Ambulance Dispatchers	300	14	140	\$ 18.76
Dispatchers, Except Police, Fire, and Ambulance	381	13	130	\$ 17.65
Meter Readers, Utilities	77	2	20	\$ 19.65
Postal Service Mail Sorters, Processors, and Processing Machine Operators	330	2	20	\$ 20.08
Production, Planning, and Expediting Clerks	558	16	160	\$ 19.58

Weighers, Measurers, Checkers, and Samplers, Recordkeeping	151	5	50	\$ 15.53
Legal Secretaries	285	3	30	\$ 19.23
Medical Secretaries	982	36	360	\$ 17.45
Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	6,591	137	1,370	\$ 15.50
Computer Operators	141	1	10	\$ 18.57
Data Entry Keyers	357	4	40	\$ 15.41
Word Processors and Typists	105	0	0	\$ 15.70
Insurance Claims and Policy Processing Clerks	359	11	110	\$ 18.18
Mail Clerks and Mail Machine Operators, Except Postal Service	331	8	80	\$ 15.50
Office and Administrative Support Workers, All Other	130	4	40	\$ 19.00
First-Line Supervisors of Farming, Fishing, and Forestry Workers	140	3	30	\$ 20.67
Stonemasons	206	6	60	\$ 20.95
Carpenters	6,997	211	2,110	\$ 20.52
Paving, Surfacing, and Tamping Equipment Operators	259	7	70	\$ 15.53
Operating Engineers and Other Construction Equipment Operators	1,250	46	460	\$ 18.11
Electricians	1,152	34	340	\$ 20.04
Highway Maintenance Workers	1,410	39	390	\$ 17.13
Earth Drillers, Except Oil and Gas	73	3	30	\$ 19.29
Automotive Body and Related Repairers	658	15	150	\$ 19.72
Automotive Glass Installers and Repairers	107	3	30	\$ 17.93
Automotive Service Technicians and Mechanics	2,664	71	710	\$ 17.51
Bus and Truck Mechanics and Diesel Engine Specialists	616	23	230	\$ 19.91
Farm Equipment Mechanics and Service Technicians	133	5	50	\$ 17.98
Mobile Heavy Equipment Mechanics, Except Engines	217	8	80	\$ 20.05
Motorboat Mechanics and Service Technicians	128	3	30	\$ 16.93
Motorcycle Mechanics	82	2	20	\$ 16.18
Outdoor Power Equipment and Other Small Engine Mechanics	182	4	40	\$ 16.08
Control and Valve Installers and Repairers, Except Mechanical Door	156	6	60	\$ 18.41
Home Appliance Repairers	217	7	70	\$ 16.87
Maintenance Workers, Machinery	55	2	20	\$ 19.38
Maintenance and Repair Workers, General	3,093	86	860	\$ 17.51
Coin, Vending, and Amusement Machine Servicers and Repairers	138	1	10	\$ 18.79
Installation, Maintenance, and Repair Workers, All Other	155	4	40	\$ 18.65
Electromechanical Equipment Assemblers	177	2	20	\$ 17.48
Structural Metal Fabricators and Fitters	65	3	30	\$ 21.00
Food Batchmakers	426	20	200	\$ 15.22
Computer-Controlled Machine Tool Operators, Metal and Plastic	546	22	220	\$ 17.41

Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	221	4	40	\$ 16.20
Drilling and Boring Machine Tool Setters, Operators, and Tenders, Metal and Plastic	123	2	20	\$ 16.69
Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	109	2	20	\$ 15.97
Machinists	616	20	200	\$ 19.47
Welders, Cutters, Solderers, and Brazers	385	10	100	\$ 17.10
Tool Grinders, Filers, and Sharpeners	62	1	10	\$ 17.62
Printing Press Operators	316	6	60	\$ 17.19
Print Binding and Finishing Workers	287	5	50	\$ 15.22
Upholsterers	82	2	20	\$ 16.59
Cabinetmakers and Bench Carpenters	370	9	90	\$ 16.93
Sawing Machine Setters, Operators, and Tenders, Wood	195	9	90	\$ 17.06
Woodworkers, All Other	225	9	90	\$ 15.51
Stationary Engineers and Boiler Operators	65	3	30	\$ 19.55
Water and Wastewater Treatment Plant and System Operators	212	10	100	\$ 20.76
Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	319	15	150	\$ 16.63
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	207	6	60	\$ 18.31
Cutting and Slicing Machine Setters, Operators, and Tenders	256	4	40	\$ 15.18
Inspectors, Testers, Sorters, Samplers, and Weighers	999	32	320	\$ 17.60
Jewelers and Precious Stone and Metal Workers	150	3	30	\$ 19.29
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	230	4	40	\$ 17.81
Painters, Transportation Equipment	57	1	10	\$ 19.77
Production Workers, All Other	411	16	160	\$ 16.49
Bus Drivers, Transit and Intercity	677	16	160	\$ 17.14
Bus Drivers, School or Special Client	1,247	26	260	\$ 16.67
Driver/Sales Workers	1,663	37	370	\$ 15.31
Light Truck or Delivery Services Drivers	2,051	37	370	\$ 16.56
Excavating and Loading Machine and Dragline Operators	105	2	20	\$ 16.87
	76,114	2,097	20,970	

HS Diploma, >\$21.17

Job Title	Projected Openings			Average Hourly Wage (OES 2013)
	2012 Employment	Annual	2012 - 2022	
Transportation, Storage, and Distribution Managers	173	5	50	\$ 38.36
Food Service Managers	955	17	170	\$ 25.90
Lodging Managers	543	17	170	\$ 33.76
Postmasters and Mail Superintendents	224	5	50	\$ 28.96
Property, Real Estate, and Community Association Managers	1,247	42	420	\$ 30.66
Managers, All Other	2,683	80	800	\$ 42.69
Buyers and Purchasing Agents, Farm Products	126	2	20	\$ 25.50
Wholesale and Retail Buyers, Except Farm Products	502	15	150	\$ 21.98
Purchasing Agents, Except Wholesale, Retail, and Farm Products	660	15	150	\$ 27.62
Claims Adjusters, Examiners, and Investigators	280	8	80	\$ 29.31
Business Operations Specialists, All Other	997	21	210	\$ 31.68
Tax Preparers	125	3	30	\$ 22.39
Substance Abuse and Behavioral Disorder Counselors	314	17	170	\$ 21.75
Legal Support Workers, All Other	204	6	60	\$ 22.93
Self-Enrichment Education Teachers	1,019	25	250	\$ 23.07
Health Technologists and Technicians, All Other	184	6	60	\$ 24.98
First-Line Supervisors of Correctional Officers	60	3	30	\$ 25.40
First-Line Supervisors of Police and Detectives	150	6	60	\$ 40.14
First-Line Supervisors of Protective Service Workers, All Other	154	4	40	\$ 24.44
Detectives and Criminal Investigators	235	9	90	\$ 39.13
Chefs and Head Cooks	773	16	160	\$ 22.22
First-Line Supervisors of Non-Retail Sales Workers	1,351	17	170	\$ 39.42
Advertising Sales Agents	506	16	160	\$ 25.15
Insurance Sales Agents	1,151	34	340	\$ 32.38
Sales Representatives, Services, All Other	684	27	270	\$ 24.84
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	2,744	79	790	\$ 29.08
First-Line Supervisors of Office and Administrative Support Workers	2,316	73	730	\$ 25.21
Postal Service Clerks	274	4	40	\$ 23.21
Postal Service Mail Carriers	750	26	260	\$ 23.41
Executive Secretaries and Executive Administrative Assistants	2,262	27	270	\$ 23.12
First-Line Supervisors of Construction Trades and Extraction Workers	2,131	53	530	\$ 27.97
Brickmasons and Blockmasons	106	3	30	\$ 24.50
Plumbers, Pipefitters, and Steamfitters	1,140	30	300	\$ 21.55

Sheet Metal Workers	402	12	120	\$ 22.24
Construction and Building Inspectors	248	9	90	\$ 21.90
First-Line Supervisors of Mechanics, Installers, and Repairers	1,147	36	360	\$ 28.81
Security and Fire Alarm Systems Installers	91	3	30	\$ 23.97
Industrial Machinery Mechanics	472	26	260	\$ 23.51
Electrical Power-Line Installers and Repairers	395	15	150	\$ 30.35
Telecommunications Line Installers and Repairers	434	11	110	\$ 27.88
Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic	120	6	60	\$ 26.59
Tool and Die Makers	156	2	20	\$ 24.55
Power Plant Operators	152	5	50	\$ 31.17
Molders, Shapers, and Casters, Except Metal and Plastic	254	10	100	\$ 22.85
First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	262	9	90	\$ 23.42
First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	560	17	170	\$ 26.79
Crane and Tower Operators	75	4	40	\$ 22.90

31,791

876

8,760

*Post-secondary training or Associate's Degree , < \$15.00 / hour*

<b>Job Title</b>	<b>2012 Employment</b>	<b>Projected Openings</b>		<b>Average Hourly Wage</b> (OES 2013)
		<b>Annual</b>	<b>2012 - 2022</b>	
Emergency Medical Technicians and Paramedics	576	27	270	\$ 14.62
Nursing Assistants	3150	109	1,090	\$ 13.01
Hairdressers, Hairstylists, and Cosmetologists	2208	78	780	\$ 12.99
<i>Totals:</i>	<i>5934</i>	<i>214</i>	<i>2140</i>	

Post-secondary training or Associate's Degree, \$15 - \$21.17/ hour

Job Title	2012 Employment	Projected Openings		Average Hourly Wage (OES 2013)
		Annual	2012 - 2022	
Environmental Engineering Technicians	76	3	30	\$ 20.18
Agricultural and Food Science Technicians	86	4	40	\$ 21.03
Preschool Teachers, Except Special Education	1056	40	400	\$ 15.47
Library Technicians	264	16	160	\$ 15.17
Audio and Video Equipment Technicians	67	1	10	\$ 17.11
Broadcast Technicians	111	2	20	\$ 16.86
Dietetic Technicians	71	2	20	\$ 15.72
Surgical Technologists	124	4	40	\$ 19.77
Veterinary Technologists and Technicians	458	12	120	\$ 15.08
Ophthalmic Medical Technicians	81	2	20	\$ 17.92
Licensed Practical and Licensed Vocational Nurses	1401	58	580	\$ 20.97
Medical Records and Health Information Technicians	543	24	240	\$ 19.68
Dental Assistants	521	17	170	\$ 18.76
Medical Assistants	671	24	240	\$ 16.15
Medical Transcriptionists	393	9	90	\$ 18.33
Phlebotomists	306	11	110	\$ 15.16
Firefighters	360	14	140	\$ 20.18
Desktop Publishers	51	1	10	\$ 18.62
Electronic Home Entertainment Equipment Installers and Repairers	113	4	40	\$ 18.51
Prepress Technicians and Workers	149	4	40	\$ 19.78
Heavy and Tractor-Trailer Truck Drivers	4775	97	970	\$ 19.17
<i>Totals:</i>	<i>11677</i>	<i>349</i>	<i>3490</i>	

Post-secondary training or Associate's Degree, >\$21.17

Job Title	Projected Openings			
	2012 Employment	Annual	2012 - 2022	Average Hourly
Web Developers	695	24	240	\$ 28.80
Computer Network Support Specialists	427	8	80	\$ 29.22
Architectural and Civil Drafters	169	2	20	\$ 21.55
Mechanical Drafters	137	2	20	\$ 24.25
Civil Engineering Technicians	309	6	60	\$ 22.99
Electro-Mechanical Technicians	50	1	10	\$ 35.92
Industrial Engineering Technicians	108	2	20	\$ 24.93
Mechanical Engineering Technicians	69	1	10	\$ 22.92
Chemical Technicians	108	4	40	\$ 23.78
Paralegals and Legal Assistants	634	16	160	\$ 22.09
Radiation Therapists	101	4	40	\$ 36.21
Respiratory Therapists	192	7	70	\$ 27.95
Medical and Clinical Laboratory Technicians	300	14	140	\$ 25.01
Dental Hygienists	539	24	240	\$ 32.47
Diagnostic Medical Sonographers	103	6	60	\$ 33.57
Respiratory Therapy Technicians	95	3	30	\$ 24.55
Physical Therapist Assistants	141	7	70	\$ 26.43
Massage Therapists	854	15	150	\$ 22.93
Morticians, Undertakers, and Funeral Directors	107	3	30	\$ 24.76
Telecommunications Equipment Installers and Repairers, Except Line Installers	356	6	60	\$ 24.95
Electrical and Electronics Repairers, Commercial	123	2	20	\$ 26.86
Aircraft Mechanics and Service Technicians	154	5	50	\$ 26.55
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	690	20	200	\$ 21.50
First-Line Supervisors of Production and	1,613	28	280	\$ 27.73
	8,074	210	2,100	

**Bachelors, < \$15.00**

<b>Job Title</b>	<b>Projected Openings</b>			<b>Average Hourly Wage (OES 2013)</b>
	<b>2012 Employment</b>	<b>Annual</b>	<b>2012 - 2022</b>	
Substitute Teachers	3279	57	570	\$ 12.26
	3279	57	570	

**Bachelors, \$15 - \$21.17 / hour**

<b>Job Title</b>	<b>Projected Openings</b>			<b>Average Hourly Wage (OES 2013)</b>
	<b>2012 Employment</b>	<b>Annual</b>	<b>2012 - 2022</b>	
Biological Technicians	102	5	50	\$ 19.15
Child, Family, and School Social Workers	840	32	320	\$ 20.94
Mental Health and Substance Abuse Social Workers	873	35	350	\$ 19.65
Radio and Television Announcers	273	6	60	\$ 15.67
Reporters and Correspondents	319	11	110	\$ 19.53
Interpreters and Translators	157	6	60	\$ 18.37
Camera Operators, Television, Video, and Motion Picture	103	2	20	\$ 17.16
Recreation Workers	1471	32	320	\$ 15.08
	4138	129	1290	

**Bachelors, >\$21.17 / hour**

Job Title	Projected Openings			Average Hourly Wage (OES 2013)
	2012 Employment	Annual	2012 - 2022	
Chief Executives	620	16	160	\$ 77.99
General and Operations Managers	3,251	87	870	\$ 49.38
Advertising and Promotions Managers	73	3	30	\$ 38.81
Marketing Managers	415	14	140	\$ 53.63
Sales Managers	558	15	150	\$ 47.42
Public Relations and Fundraising Managers	102	3	30	\$ 47.37
Administrative Services Managers	244	6	60	\$ 39.06
Computer and Information Systems Managers	568	10	100	\$ 60.92
Financial Managers	894	22	220	\$ 58.13
Industrial Production Managers	462	10	100	\$ 45.41
Purchasing Managers	165	4	40	\$ 42.78
Human Resources Managers	131	4	40	\$ 55.32
Construction Managers	2,515	64	640	\$ 39.83
Education Administrators, Preschool and Childcare Center/Program	329	11	110	\$ 22.11
Education Administrators, All Other	93	2	20	\$ 34.55
Medical and Health Services Managers	829	38	380	\$ 43.25
Social and Community Service Managers	701	25	250	\$ 29.67
Compliance Officers	1,964	57	570	\$ 30.65
Cost Estimators	514	24	240	\$ 28.61
Human Resources Specialists	870	19	190	\$ 27.89
Labor Relations Specialists	149	3	30	\$ 29.71
Logisticians	101	4	40	\$ 30.98
Management Analysts	852	29	290	\$ 38.05
Meeting, Convention, and Event Planners	416	17	170	\$ 21.95
Fundraisers	250	8	80	\$ 22.97
Compensation, Benefits, and Job Analysis Specialists	236	5	50	\$ 28.82
Training and Development Specialists	639	20	200	\$ 28.77
Market Research Analysts and Marketing Specialists	1,277	52	520	\$ 26.52
Accountants and Auditors	3,467	134	1,340	\$ 33.15
Appraisers and Assessors of Real Estate	407	7	70	\$ 22.23
Budget Analysts	102	6	60	\$ 29.26
Credit Analysts	103	4	40	\$ 30.47
Financial Analysts	398	11	110	\$ 42.75
Personal Financial Advisors	275	8	80	\$ 39.07
Insurance Underwriters	170	5	50	\$ 29.33
Financial Examiners	66	3	30	\$ 30.73
Loan Officers	439	10	100	\$ 33.71
Tax Examiners and Collectors, and Revenue Agents	108	5	50	\$ 25.63
Computer Systems Analysts	371	12	120	\$ 32.76
Computer Programmers	358	9	90	\$ 31.17
Software Developers, Applications	905	28	280	\$ 39.53
Software Developers, Systems Software	767	19	190	\$ 46.66
Database Administrators	228	6	60	\$ 31.06
Network and Computer Systems Administrators	1,376	33	330	\$ 35.45
Computer Network Architects	165	4	40	\$ 35.79
Computer Occupations, All Other	319	5	50	\$ 39.93

Architects, Except Landscape and Naval	431	14	140	\$ 31.99
Surveyors	155	3	30	\$ 29.73
Civil Engineers	469	18	180	\$ 34.18
Electrical Engineers	497	11	110	\$ 40.72
Electronics Engineers, Except Computer	197	4	40	\$ 46.53
Environmental Engineers	234	9	90	\$ 39.20
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	57	2	20	\$ 37.92
Industrial Engineers	425	14	140	\$ 35.31
Mechanical Engineers	386	13	130	\$ 38.39
Engineers, All Other	73	1	10	\$ 37.86
Food Scientists and Technologists	64	3	30	\$ 30.78
Zoologists and Wildlife Biologists	167	7	70	\$ 26.62
Conservation Scientists	61	3	30	\$ 27.92
Foresters	89	4	40	\$ 27.56
Chemists	113	4	40	\$ 31.60
Environmental Scientists and Specialists, Including Health	711	28	280	\$ 26.24
Social Scientists and Related Workers, All Other	56	2	20	\$ 34.95
Health Educators	299	13	130	\$ 22.86
Clergy	1,255	30	300	\$ 23.03
Vocational Education Teachers, Postsecondary	163	3	30	\$ 27.12
Adult Basic and Secondary Education and Literacy Teachers and Instructors	261	5	50	\$ 23.31
Art Directors	489	13	130	\$ 34.46
Commercial and Industrial Designers	304	10	100	\$ 25.32
Fashion Designers	75	2	20	\$ 25.56
Graphic Designers	968	30	300	\$ 21.69
Interior Designers	158	5	50	\$ 24.06
Producers and Directors	358	14	140	\$ 23.57
Public Relations Specialists	847	19	190	\$ 27.28
Editors	348	8	80	\$ 24.45
Technical Writers	112	5	50	\$ 30.91
Writers and Authors	909	22	220	\$ 31.54
Dietitians and Nutritionists	189	5	50	\$ 27.76
Registered Nurses	6,544	234	2,340	\$ 30.41
Medical and Clinical Laboratory Technologists	426	15	150	\$ 31.55
Occupational Health and Safety Specialists	111	4	40	\$ 33.04
Securities, Commodities, and Financial Services Sales Agents	694	16	160	\$ 44.22
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	582	13	130	\$ 41.96
Sales Engineers	119	2	20	\$ 36.40
	48,638	1,489	14,890	

*Masters Degree +, <\$15.00 per hour*

NA

*Masters +, \$15 - \$21.17 / hour*

Job Title	Projected Openings			Average Hourly Wage (OES 2013)
	2012 Employment	Annual	2012 - 2022	
Community and Social Service Specialists, All Other	240	10	100	\$ 17.63
	240	10	100	

Masters +, >\$21.17 / hour

Job Title	Projected Openings			Average Hourly Wage (OES 2013)
	2012 Employment	Annual	2012 - 2022	
Education Administrators, Postsecondary	610	19	190	\$ 37.72
Statisticians	50	3	30	\$ 29.54
Medical Scientists, Except Epidemiologists	237	6	60	\$ 38.70
Economists	59	3	30	\$ 35.39
Clinical, Counseling, and School Psychologists	655	22	220	\$ 28.17
Psychologists, All Other	56	3	30	\$ 33.24
Urban and Regional Planners	237	14	140	\$ 23.54
Educational, Guidance, School, and Vocational Counselors	778	21	210	\$ 24.38
Mental Health Counselors	810	40	400	\$ 21.32
Rehabilitation Counselors	518	23	230	\$ 23.25
Healthcare Social Workers	321	15	150	\$ 25.08
Lawyers	2,108	46	460	\$ 47.40
Librarians	621	16	160	\$ 22.73
Instructional Coordinators	516	8	80	\$ 23.83
Chiropractors	206	6	60	\$ 29.06
Dentists, General	597	16	160	\$103.56
Optometrists	66	3	30	\$ 47.73
Pharmacists	638	23	230	\$ 59.04
Family and General Practitioners	354	10	100	\$ 68.02
Internists, General	207	5	50	\$ 70.79
Obstetricians and Gynecologists	86	2	20	\$ 90.18
Pediatricians, General	196	6	60	\$ 65.45
Psychiatrists	116	4	40	\$ 78.36
Surgeons	201	7	70	\$ 95.13
Physicians and Surgeons, All Other	1,409	44	440	\$ 74.48
Physician Assistants	319	13	130	\$ 46.07
Occupational Therapists	238	7	70	\$ 36.91
Physical Therapists	719	38	380	\$ 34.74
Speech-Language Pathologists	540	8	80	\$ 30.84
Veterinarians	388	13	130	\$ 42.61
Nurse Anesthetists	73	2	20	\$ 70.87
Nurse Practitioners	405	16	160	\$ 42.33
Health Diagnosing and Treating Practitioners, All Other	124	4	40	\$ 35.80
	14,458	466	4,660	

# Vermont Long Term Occupational Projections

## 2012 - 2022

### Methodology & Technical Notes

Long Term Occupational Projections use the 2012-2022 Long Term Industry Projections and Vermont May 2013 Occupational Employment Statistics (OES) data to project employment levels for over 500 occupations in Vermont in 2022. The process takes into account expected rates of change in relative demand for occupations over time within each industry as well as rates at which workers leave an occupation.

Long term projections are designed to assist the educational community, workforce development specialists, and individuals planning for the future. They can be used to identify occupations that will show stability, growth and good incomes over the long run. The methods used to produce long term projections ignore the peaks and valleys of business cycles and focus on the fundamental elements that affect the demand for a particular occupation.

Employment projections are estimating the mix of jobs in the future based on trends in the job market in Vermont and on the overall economy. Speculation regarding policy changes, localized economic events such as strikes, or large unexpected events such as hurricanes are not included. Occupations included in projections are necessarily only jobs that already exist in sufficient numbers to be coded and counted. In other words, jobs that do not yet exist or are just emerging cannot be projected. It is partly through collecting new job titles and duties from employers for the data used in projections that new occupations are identified for inclusion.

The results provide a general guide for the direction and relative strength of occupational demand but are not intended to indicate absolute levels of employment in an occupation.

Annual openings reflect both job growth and estimated net replacement openings. If employment change is negative, job openings due to growth are zero and total job openings equal net replacements. Net replacement openings are equal to: 1) workers who permanently leave an occupation, less 2) workers from the same occupation who move into a vacated position. Note that this is less than gross openings, which includes openings that come from workers changing jobs within the same occupation.

Tabs do not include occupations for which wage or employment data is either suppressed or not available.